APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860010-0

Use of a Photographic Film and Scintillating Crystal System to Record Gamma Radiation, by R. N. Kogan, E. K. Pereyaslova, 6 pp.

RUSSIAN, per, Pribory i Tekh Eksper, No 4, 1957, pp 25-27.

AEC NP-139

Sci - Phys

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860010-0

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Increasing the Efficiency of Ionisation and Proportional Counters, by Ye P Ovchinnikov, S. S. Semenov, 10 pp.

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AEC-Tr-3701

Sci - P. Lyon
Jul 59

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860010-0

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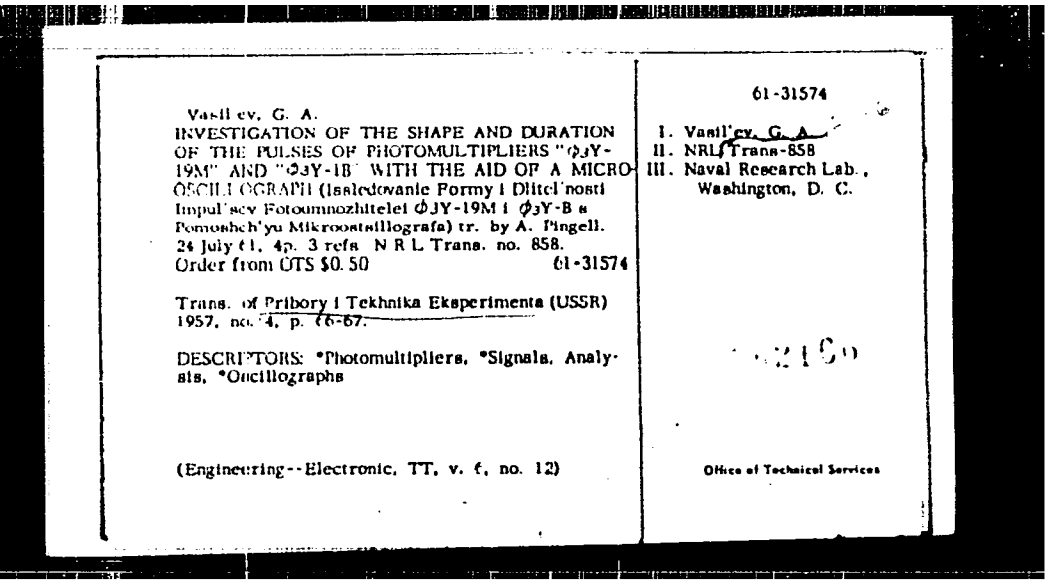

Vasil ev, G. A.
INVESTIGATION OF THE SHAPE AND DURATION OF THE PULSES OF PHOTOMULTIPLIERS "$\Phi$ЭУ-19М" AND "$\Phi$ЭУ-1Б" WITH THE AID OF A MICRO-OSCILLOGRAPH (Issledovanie Formy i Dlitel'nosti Impul'sov Fotoumnozhitelei $\Phi$ЭУ-19М i $\Phi$ЭУ-Б s Pomoshch'yu Mikroostsillografa) tr. by A. Pingell. 24 July 61, 4p. 3 refs. N R L Trans. no. 858.
Order from OTS $0.50 61-31574

Trans. of Pribory i Tekhnika Eksperimenta (USSR) 1957, no. 4, p. 66-67.

DESCRIPTORS: *Photomultipliers, *Signals, Analysis, *Oscillographs

(Engineering--Electronic, TT, v. 6, no. 12)

61-31574

I. Vasil'ev, G. A.
II. NRL Trans-858
III. Naval Research Lab., Washington, D. C.

Office of Technical Services

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On the Determination of the Permeation of Gases in Metals, by A. M. Rodin.
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*CFSTI TT 70-59120

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860010-0

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Negative Hydrogen Ion Source, by A. V. Almazov, Yu. M. Khimyy,

RUSSIAN, per, Pribory i Tekh Eksper, No 5, 1957, pp 54-59. 9070-26

AEC Tr-4018

Sci - Phys

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860010-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860010-0

Determination of the Dynamic Mechanical Characteristics of Rubbers at Sonic Frequencies, by V. I. Volodin, E. V. Kuvshinskiy, 5 pp.

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Sci - Phys
Nov 61

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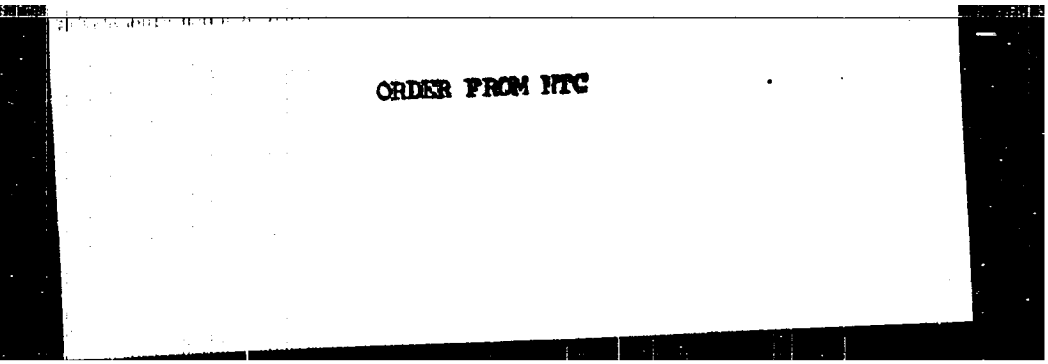


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The Isotopic Analysis of Solids by Means of the "MB" Mass Spectrometer, by L. E. Levina, 5 pp.

RUSSIAN, per, Pribory i Tekh Eksper, No 5, 1957, pp 114-116.

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Sci - Phys

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On Charge Transfer as a Method of Obtaining "Single Peak" Mass Spectra, by V. L. Tal'roze. UNCL

RUSSIAN per, Prib i Tekh Eksper, No 5, 1957, pp 116, 117.

DSIR LIU (loan) M.341
SLI.

Sci - Phys
Jul 59

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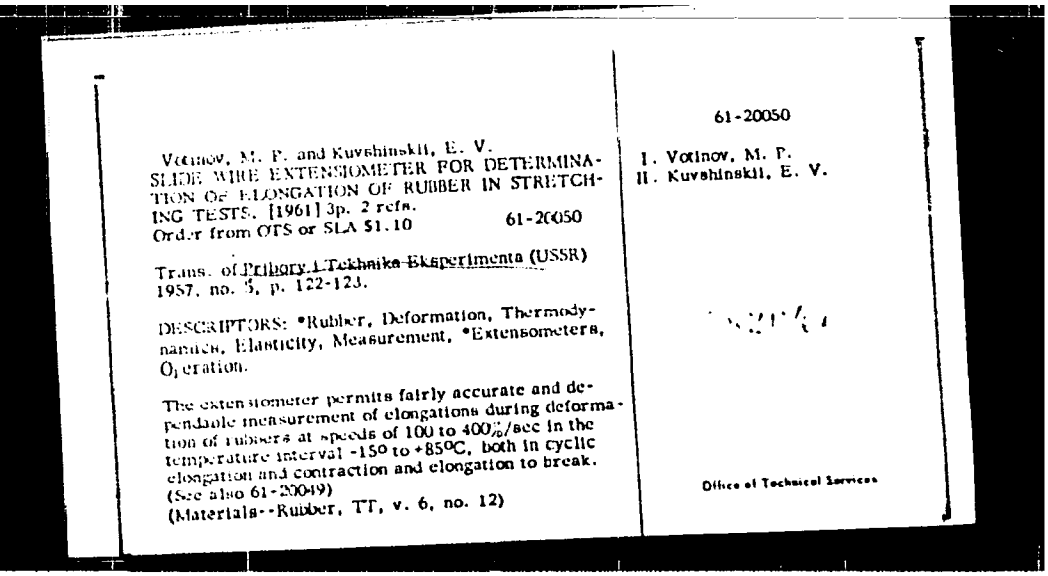

Votinov, M. P. and Kuvshinskii, E. V.
SLIDE WIRE EXTENSIOMETER FOR DETERMINATION OF ELONGATION OF RUBBER IN STRETCHING TESTS. [1961] 3p. 2 refs.
Order from OTS or SLA $1.10 61-20050

Trans. of Pribory i Tekhnika Eksperimenta (USSR) 1957, no. 5, p. 122-123.

DESCRIPTORS: *Rubber, Deformation, Thermodynamics, Elasticity, Measurement, *Extensometers, Operation.

The extensiometer permits fairly accurate and dependable measurement of elongations during deformation of rubbers at speeds of 100 to 400%/sec in the temperature interval -150 to +85°C, both in cyclic elongation and contraction and elongation to break.
(See also 61-20049)
(Materials--Rubber, TT, v. 6, no. 12)

61-20050

I. Votinov, M. P.
II. Kuvshinskii, E. V.

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860010-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860010-0

S-4101

Photoelectron and Electron Multipliers (Survey),
by N. S. Khlebnikov, A. Ye. Melamid.

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Nov-Dec 1957, pp 6-18.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860010-0

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Toroidal $\beta$ -Spectrometer for Investigating the Conversion Radiation which Accompanies $\alpha$ -Decay, by E. P. Tret'yakov, L. L. Gol'din, G. I. Grishuk, 15 pp.

RUSSIAN, par, Pribory i Tekh Eksper, No 6, 1957, pp 22-30.

AEC tr-3935

Sci - Phys
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860010-0

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Apparatus for Measuring Electron Beam Profile, by Yu. V. Troitskii, 8 pp.

RUSSIAN, per, Pribory i Tekhn, Eksperim., No 6, 195
1957 pp 113-114.

AEC-NP-tr-1054

Sci-Electr
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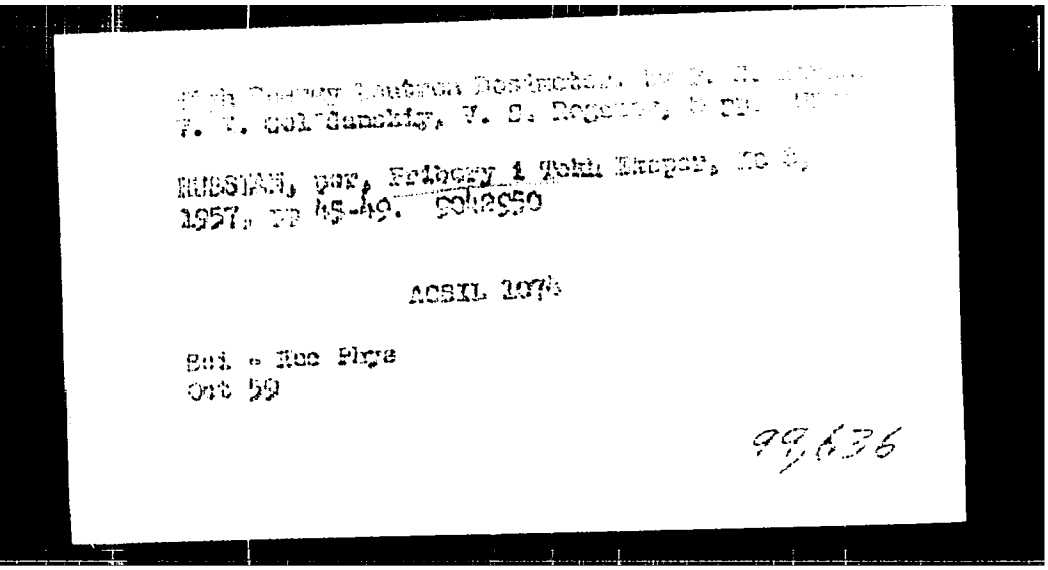

[illegible] V. V. Gol'danskiy, V. S. Rogozin, [illegible]

RUSSIAN, Zur. Fiziki i Khim. Inspekt., No 9, 1957, pp 45-49. 50X2650

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Variation in the Composition of the Filling Material and in the Characteristics of Counters in Relation to the Number of Counts Taken, by L. S. Eig, Chaykovskiy.

RUSSIAN, per, Pribory i Tekh Eksper, No 6, 1957, pp 50-54.

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Sci - Engr, instruments
Jun 59

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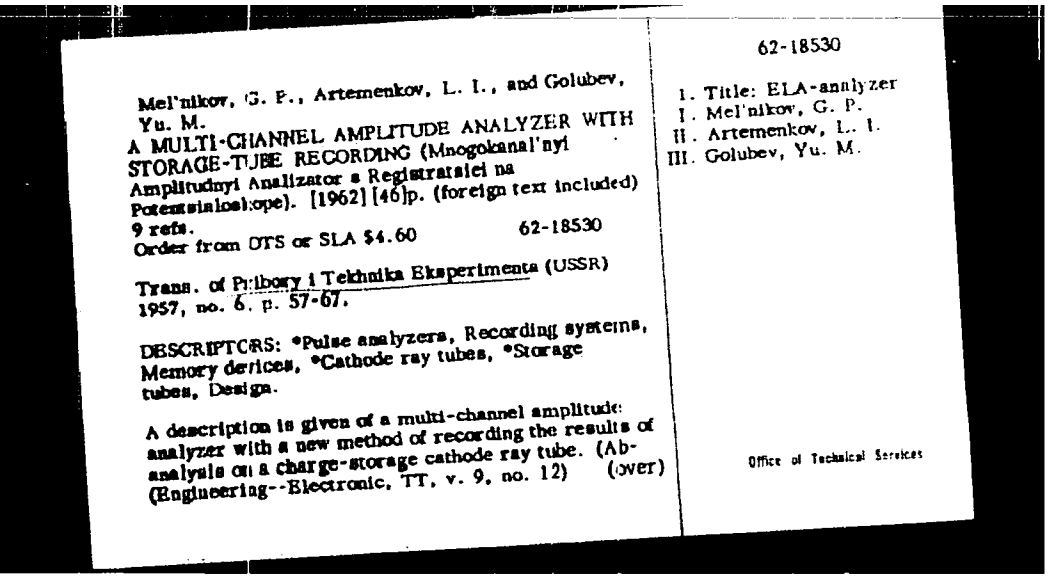

Mel'nikov, G. P., Artemenkov, L. I., and Golubev, Yu. M.
A MULTI-CHANNEL AMPLITUDE ANALYZER WITH STORAGE-TUBE RECORDING (Mnogokanal'nyi Amplitudnyi Analizator s Registratsiei na Potentsialoskope). [1962] [46]p. (foreign text included)
9 refs.
Order from OTS or SLA $4.60 62-18530

Trans. of Pribory i Tekhnika Eksperimenta (USSR)
1957, no. 6. p. 57-67.

DESCRIPTORS: *Pulse analyzers, Recording systems, Memory devices, *Cathode ray tubes, *Storage tubes, Design.

A description is given of a multi-channel amplitude analyzer with a new method of recording the results of analysis on a charge-storage cathode ray tube. (Ab- (Engineering--Electronic, TT, v. 9, no. 12) (over)

62-18530

1. Title: ELA-annlyzer
I. Mel'nikov, G. P.
II. Artemenkov, L. I.
III. Golubev, Yu. M.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860010-0

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Improvement in the Energy Resolution of the Pulse Ionization Chamber With Grid, by B. A. Bochagov, G. Ye. Kocharov, G. F. Kirabiv, 6 pp.

RUSSIAN, per, Pribory i Tekh Eksper, No 6, 1957, pp 72-74.

AEC tr-3932

Sci - Phys
Apr 60

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860010-0

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Mass-Spectrometric Source of Ions With Surface Ionization, by B. G. Sefronov, Yu. S. Azovskiy, G. G. Aseyev, 5 pp. UNCL

RUSSIAN, per, Pribory i Tekh Eksper, No 6, 1957, pp 80-82.

ATIC F-TS-9977/V 119,344

Sci-Phys

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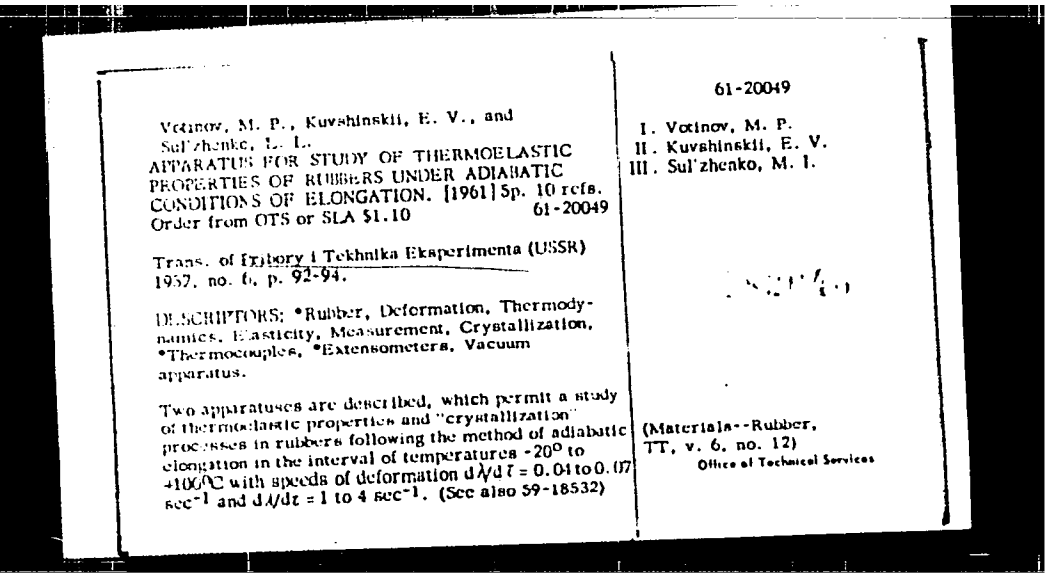

Votinov, M. P., Kuvshinskii, E. V., and Sul'zhenko, L. I.
APPARATUS FOR STUDY OF THERMOELASTIC PROPERTIES OF RUBBERS UNDER ADIABATIC CONDITIONS OF ELONGATION. [1961] 5p. 10 refs. Order from OTS or SLA $1.10 61-20049

Trans. of Zavody i Tekhnika Eksperimenta (USSR) 1957, no. 6, p. 92-94.

DESCRIPTORS: *Rubber, Deformation, Thermodynamics, Elasticity, Measurement, Crystallization, *Thermocouples, *Extensometers, Vacuum apparatus.

Two apparatuses are described, which permit a study of thermoelastic properties and "crystallization" processes in rubbers following the method of adiabatic elongation in the interval of temperatures -20° to +100°C with speeds of deformation $d\lambda/d\tau = 0.01$ to 0.07 $sec^{-1}$ and $d\lambda/d\tau = 1$ to 4 $sec^{-1}$. (See also 59-18532)

61-20049

I. Votinov, M. P.
II. Kuvshinskii, E. V.
III. Sul'zhenko, M. I.

(Materials--Rubber, TT, v. 6, no. 12)
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Techniques - monthly)
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A Millisecond Matrix Time Meter, by G. I. Mishin, 12 pp.
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AEC-SC-T-525

Sci - Phys
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Single-Band SHF Modulator as the Local Oscillator in a EPR Spectrometer, by M. A. Ruban, 11 pp. RUSSIAN, per, Pribory i Tekh Eksper, No 4, 1963, pp 103-106. 9693086
FTD-TT-64-317

Sci - Elec
Jul 64

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The Sensitivity of Photomultipliers to X and Gamma Radiation, by M. I. Arnaev.
RUSSIAN, per. Pribory Tekh Eksp. No 4, 1963, pp 124-127.
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Instruments for Directing Anti-Aircraft Artillery Fire, by N. I. Pchel'nikov, 147 pp. RUSSIAN, per, Pribory Upravleniya Artilleriyskim Zenitnym Ognem, 1940, pp 3-112.
ACSI J-8051
FSTC-HT-23-323-70

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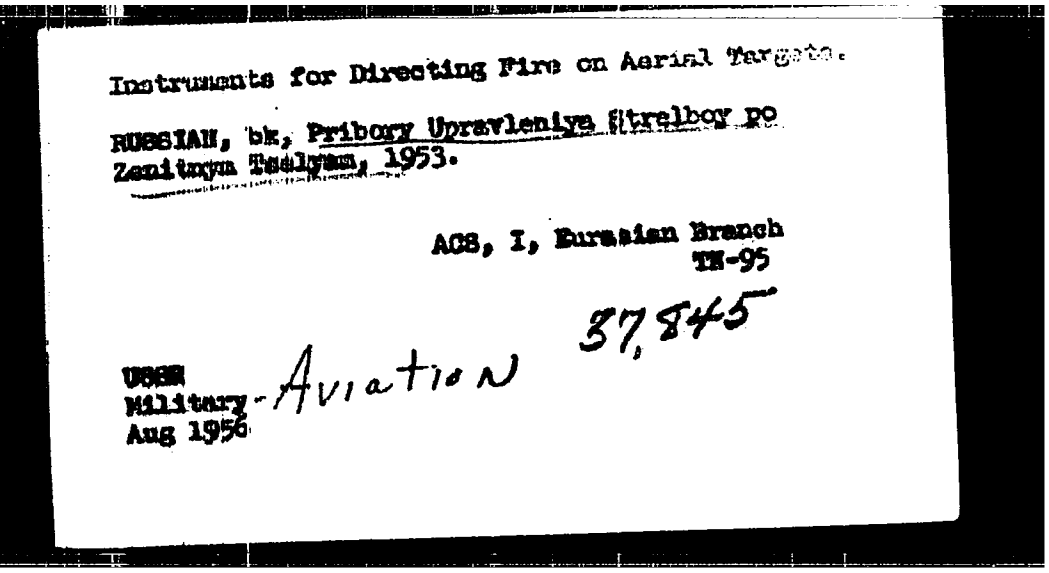

Instruments for Directing Fire on Aerial Targets.

RUSSIAN, bk, Pribory Upravleniya Strelboy PO Zenitnym Samoletam, 1953.

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TM-95

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Aug 1956

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Instrumentation and Equipment for the Automation of Building Construction Work, by A. M. Vunitskogo, ed.
RUSSIAN, bk, Pribory i Ustroistva Dlya Avtomatizatsii Predpriyatii Stroitelnoi Industrii, 1963, pp 176.
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Device for Study of Magnetic Core Pulse Properties, by Yu. I. Vizun.

RUSSIAN, mono, Pribor dlya Izucheniye Impul'snykh Svoistv Magnitnykh Serdechnikov, Moscow, 1961, 82 pp.

CFS 63-19467

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Causes of Heavy Buffeting of a TU-1046 Aircraft on 13 March 1961, on the Tashkent-Tbilissi Route, by M. V. Burkova.
RUSSIAN, rpt, Prichiny Sil'noy Boltanki Samoleta TU-1046 13/III 1961 g. na Trasse Tashkent-Tbilissi.
Dept of Navy tr 5274 ONI tr 2363

Sci/Earth Sci
May 67

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Applied Dosimetry, by K. K. Aglintsev.
RUSSIAN, bk, Prikladnaya Dozimetriya, 1962,
246 pp.
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Sci-Engr
Jun 65

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Luminescence Analysis, by A. A. Shishlovskiy, 46 pp.

RUSSIAN, per, Prik Fiz Optika, 1961, pp 527-584.

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ID 2216519

Sci - Phys
Jan 63

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Homogeneous Gas Flows 1. Adiabatic Gas Flows With Friction Critical Flow, by G. N. Abramovich.

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Sci - Phys

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Use of the Second Vertical Derivative of the Gravity Potential for the Geological Interpretation of the Gravimetric Survey, by K. Ye. Veselov, 14 pp.

RUSSIAN, per, Prik Geofiz, No 11, 1954, pp 152-162.

ATIC MCL-21/V

Sci - Geophys
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Results of Laboratory Measurements of the Elastic Properties of Rock, by M. L. Ozer-skaya, 12 pp.

RUSSIAN, per, Prik Geofiz, Vol XII, 1955, pp 93-106.

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Gravity Measurements in Wells, by P. I. Lukavchenko, 24 pp.

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Sci - Geophys

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Three-Dimensional Calculations of Vertical Gradients of Horizontal and Vertical Components of the Magnetic Field in the Interpretation of Anomalies, by I. M. Pudovkin, 14 pp.

RUSSIAN, per, Priklad Geofiz, No 13, 1955, pp 99-109.

ATIC F-TS-10091/V

Sci - Geophysics

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Results of a Regional Servey in the Caspian Sea With Underwater Gravimeters, by A. M. Lozinskaya, T. O. Tsimel'zon, V. V. Laskina, 16 pp.

RUSSIAN, per, Prikladnaya Geofizika, No 14, 1956, pp 115-129.

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Sci - Geophys
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Polyak, L. S. and Rapoport, M. B.
CORRELATION BETWEEN ELECTRICAL AND ELASTIC PROPERTIES OF SEDIMENTARY ROCKS.
[1962] [20]p. 6 refs.
Order from OTS or SLA $1.60 62-18544

Trans. from Prikladnaya Geofizika (USSR) 1956, no. 15.

DESCRIPTORS: *Sedimentary rock, Elasticity, Electrical properties, Statistical functions, Well logging.

There is a high degree of correlation between the recoil energy and porosity of elastic rocks. The conductivity and elasticity of such rocks depend upon porosity; there is, therefore, a correlation between resistivity and elastic wave velocity. The analysis of a large body of experimental data shows a correlation of 0.7 between resistivity and accoustic rigidity, and a correlation of 0.65 between conductivity and pressure wave velocity. The correlation between conductivity and the
(over)
(Earth Sciences, TT, v. 9, no. 6)

62-18544

I. Polyak, L. S.
II. Rapoport, M. B.

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860010-0

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The Absorption of Gamma Rays by Sedimentary Deposits, by L. S. Polak, M. B. Rapoport, 7 pp.

RUSSIAN, per, Prik Geofiz, Sbornik Statei, Vol XV, 1956, pp 135-139.

AEC Tr-4228

Sci - Geophys
21 Feb 61

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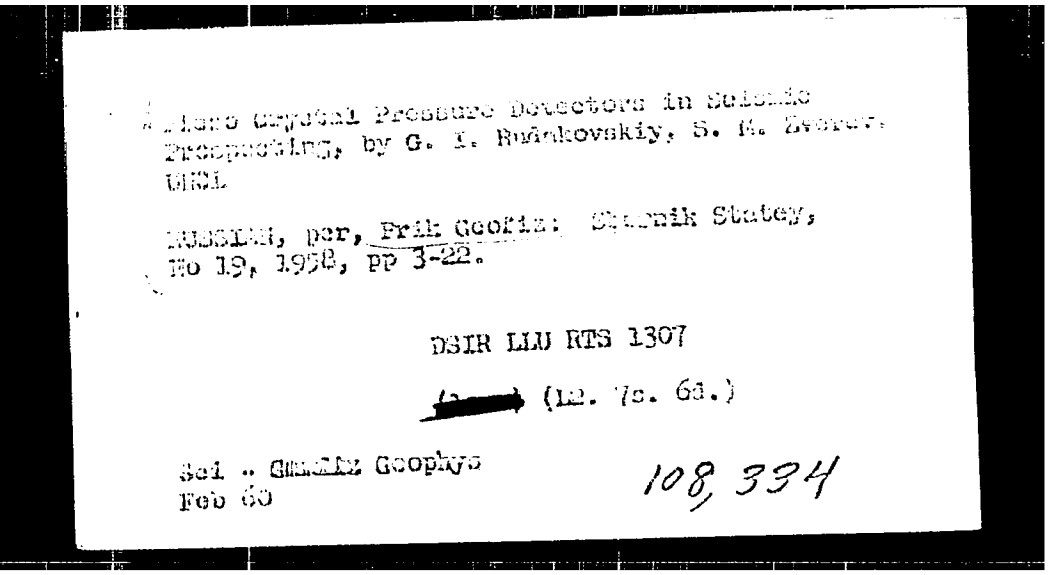

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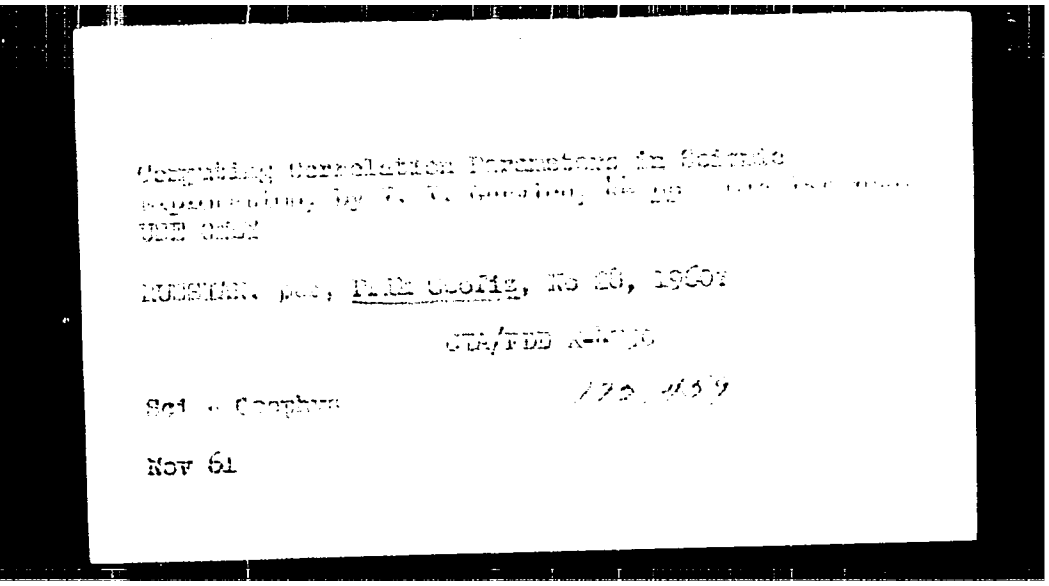

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